

APPENDIX G

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North Elkhorn Force Main Diversion Project

Construct new pump station with four (4) pumps for a rated capacity of approximately 13,200 gpm (230 % increase in capacity).

Install approximately 7 miles of 30-36-inch force main, 2.7 miles of the project is along an interstate right of way with another 1.4 miles in city streets. The project requires ten (10) bores including four (4) involving railroads.

South Elkhorn Pump Station & Force Main Upgrade

Construct new wet well approximately 35 feet deep in solid rock; install five (5) pumps for a rated capacity of approximately 15,000 gpm (97 % increase in capacity).

Install approximately seven (7) miles of 36-inch force main across South Elkhorn Creek, along a US highway and through farmland consisting of six (6) easements located in an adjoining county. The project requires three bores including one railroad crossing.

Deep Springs Pump Station Upgrade

Complete detailed design and construct a capacity driven upgrade to the pump station and force main. Secure all required pipeline right-of-ways. Design is expected to include an increase in firm pumping capacity, expansion of wet well capacity and back-up power / pumping capability. Ultimately, the upgraded pump station will discharge into the improved North Elkhorn force main.

Proposed Milestones

- April 1, 2009 – award design contract
- April 1, 2010 – award construction contract
- June 30, 2012 – complete construction

Dixie Pump Station Upgrade

Complete detailed design and construct a capacity driven upgrade to the pump station and force main. Secure all required pipeline right-of-ways. Design is expected to include an increase in firm pumping capacity, expansion of wet well

capacity and back-up power / pumping capability. Ultimately, the upgraded pump station will discharge into the improved North Elkhorn force main.

Proposed Milestones

- April 1, 2009 – award design contract
- April 1, 2010 – award construction contract
- June 30, 2012 – complete construction

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